Plant Collection
Field Notes

cies

tions

asurement

S.J. - San Juan Capistrano

q.v. - which see

Plant Collection Field Notes

Started Mar 1935. All plants collected previously are entered on cards but are without other field notes.

Abbreviations

Mt(s) - mountain(s)
can. - cañon
S.O. - San Onofre
S.A. - Santa Ana
elev. - elevation
a. s. - associated species
ab't - about
n - near
rd - road

metric & English measurement abbreviations used.

Names in ink indicate collection of specimen.

3/17/35 n. El Toro (flat on trab. rd. Elev. ± 450'

Chorizanthe staticoides

immature plants. 550

Ioan. a.s. Linanthus dianthiflorus, Festuca megalura Erodium circutarium; Plagiobothrys notho. (past fr), Lecto carya, Echidiocarya, Artho caxus, Isocoma, Gnaphalium ← before bloom Plantago erecta, Avena Bromus hordeaceus Lotus subpinnatus

Stipa pulchra 551

Pentachaeta aurea 552

do above location etc

elev. abt 450'

3/17/35 n. El Toro (con)

Astragalus didymocarpus megalura

Festuca, Plagiobothrys

(past frt), Stipa pulchra

a few Avena fatua, Lotus subpinnatus Lotus micranthus

Bromus hordeaceus

Lepidium nitidum (past frt)

Erodium circutarium, ibh. tiplover Lotus micranthus

land here rather poor, unused, Plantago & Festuca very abundant in large patches.

Atropappus lindleyi

same location as above

Apparently most abundant near road.

a.s. Plantago erecta most

Elev. abt 450'

3/17/35 n El Toro (con)

abundant a.s., others Avena fatua, Echidocarya, Lotus subpinnatus, Lepidium nitidum (frt or past) 559 Erodium circutarium, few Lupinus bicolor, Medicago hispida along rd, Trifolium variegatum

560 Pectocarya (longer stemmed) Chorizanthe statioides linearis

561

more lupiviant a.s. Cryptantha intermedia, Stipa pulchra, Avena, Lotus scoparius, Bromus hordeaceus

562 grandiflorus

linanthus, Pentachaeta aurea

lilis multicaulis

563 568

elev. abt 30'

3/28/35 West of Costa Mesa below bluff, north of Victoria ave. (Myers')

Polypogon lutosus

near pump house, full sun, soil sandy river silt, alkaline

a. s. — Cynodon dactylon, Sisymbrium altissimum, Malva parviflora, barley, Plantago major, Polygonum aviculare, Xanthium canadense, Rumex crispus, Chenopodium ambrosioides, Solanum nigrum, Urtica urens, Juncus bufonius

3/31/35 Palm Springs
NW of town abt 4 mi
gravel & sand
Eschscholtzia minutiflora
Cryptantha argentifolium
Lepidium lasiocarpum
Eucnide californicus
Ecapoidea
Calyptridium monandrum
Stylocline gnaphalioides
Filago arizonica
Encelia farinosa
Franseria dumosa
Nama demissum
Mirabilis laevis
Emmenanthe penduliflora
Nemacladus glutinosa
Langloisia schottii
Loeflingia squarrosa
Oenothera breviflora
Eriogonum thurberi

3/31/35 L. S. NW of town elev. abt 4700
584
Parosela californica
sprawling shrub 5'-6' tall &
15' broad just beginning to
bloom
585
g. s. Encelia farinosa, Franseria
dumosa, Larrea tridentata
586 Calycarpa, Rhaptica
Stylocline gnaphalioides
Filago arizonica
587 588 Cryptantha angustifolia
Chaenactis fremontii
589 Lepidium
Cryptantha intermedia Lasiocarpum
Cryptantha angustifolia

590 elev. abt 4700

3/31/35 P.S. NW of town
sandy wash - close to Parosela
Cryptantha micrantha
a. s. do the Parosela
opposite.

591

Krameria 3' tall, 6' broad
sandy wash beside Larrea
a. s. Larrea
Cryptantha spsp, Festuca (sp)
(megadura?), Bromus rubens,
Oenothera spapoidea, Encelia
farinosa, Franseria
Phacelia, Eschscholtzia mipuntiflora
Pterostegia underbush
Cruciferae, Stylocline
gnaphalioides, Oenothera clystoides
decorticans.

593

31/35 R.S. N.W. of town elev. abt 470
sandy pockets among boulders
Nemacladus rubescens
stigma bent over. pedicels
gravel among boulders full sun
Stylocline gnaphalioides Lepidium fassicarpum
Filago arizonica
Chorizanthe breviconnu
594
Franseria dumosa
Encelia farinosa Krameria canescens
583
Eriogonum reniforme do above a.s.
595
Hibiscus denudatus
over 30" tall erect do above
a.s.
596
Lupinus sparsiflorus var.
arizonicus do above
location & a.s.

4/14/35 Trabuco creek ¼ mi above CCC camp.
sandy & gravelly bank of dry channel, elev. abt 1400'

597
Filago californica
a. s. a few Melilotus indica, Medicago hispida, Bromus rubens, Euphorbia polycarpa, Centaurea melitensis, Erodium circutarium
shrubs - Yucca (young), Eriogonum fasc. foliosum, Lepidospartum squamatum, Baccharis sarmiloa,

---

do above time & place
E. of creek, springy ground, So creek bank.

599
Mimulus guttatus
a. s. Juncus rugulosus, Bromus hordeaceus

600
(over)

~~Carex barbarae (?)~~

Medicago hispida, Disyrinchum bellum, Rumex crispus?
Baccharis viminea Artemisia californica Gnaphalium beneolens?)
Cotula coronopifolia
Quercus agrifolia on slope above.

601

Mimulus guttatus across stream (dwarfed plants)
a.s Gnaphalium beneolens, Medicago hispida, Artemisia californica
Eriogonum fasciculatum foliolosum, Silene gallica, Bromus rubens, Avena fatua
Bromus rigidus, Rumex crispus
Baccharis viminea

elev. abt 1500'

4/14/35 Live Oak con.
Firebreak with 2nd growth
starting E side of con.

602 603
Stipa lepida, Stipa coronata,
604 605
Aristida divaricata, Poa
scabrella, Gnaphalium
606
decurrens californicum,
607
Phacelia minor, immature Lodetia (exp.)
Centaurea melitensis,
immature Eriophyllum
(prob. E. confertifolium), Lepto-
dactylon californicum,
Euphorbia polycarpa, Carex
608
languinosa, Oxalis wrightii
Chaparral where not cleared & includes
Quercus dumosa, Lotus
scoparius, Yucca whipplei
Nolina parryi - identified later
Adenostoma fasciculatum

Mesa to the south - Live Oak, long-leafed Pinus sabiniana

elev. 1050'

4/19/35, Santiago can. near bridge at junction with Silverado can. - creek bottom, sandy or gravelly loam soil.

609 Layia platyglossa

a. s. abundant Festuca megaluro + Bromus rubens, Filago californica + 610 Lotus hamatus. Also Orthocarpus purpurascens, Centaurea melitensis, Erodium circutarium, Melilotus indica Bromus rigidus, Plantago erecta, Rhus diversiloba, Quercus dumosa, Artemisia californica, Eriophyllum fasciculatum, 611 Festuca microstachys

slender plants close to Eriogonum shrubs

612

Eriogonum fasciculatum,

Rhus laurina, Pentstemon antirrhinoides, Opuntia occidentalis, Yucca whipplei,

613

Festuca microstachys

do above location + a.s.

Chorizanthe procumbens

614

bare spot, above location x. s. thinner + lower but same as above in area within 25'

615

Eriogonum fasciculatum foliolosum

Eriogonum fasciculatum

above location + a. together darker 3' tall, 5' broad lighter 3' tall 6' broad

elev. abt 450'

4/19/35 Trabuco rd, foothill loam rather poor

616 617 618

Lupinus densiflorus (var)
Trifolium ciliatum
a. g. Lotus salsuginosus,
Astragalus didymocarpus Medicago
hispida, Avena fatua,
Bromus rubens, Bromus Brizaeformis
Also Orthocarpus purpurascens
Filago californica

5/5/35 San Juan can, abt
half way from the hot
springs to the summit.
alt 7500' elev. (?) soil
sandy or gravelly, rocky.
Side can. So. off main can.
not far from road.
a.s.t. Lonchus asper,
Eriophyllum (confertiflorum)
Phacelia hispida, Draba
Lacunaria californicum,
[illegible], Dropagus
Lindleyi, unknown Cruciferae,
Artemisia californica, Eurotgia
dry marioides, Bromus rubens,
B. rigidus, Diplacus puniceus
(brick red forms), Galium
angustifolium, Lactuca

5/5/35

Scariola, Baccharis viminea, unknown Compositae (Inulea), Lonicera subspicata, Carotta crassifolius, Gastridium ventricosum, Cryptantha flaccida 619 620

a. s. 2. rocky ground close to stream several feet above a. s. l. Geranium carolinianum 621 unknown (Urticaceae ?), Solanum umbelliferum, Montia perfoliata, Pellaea andromedaefolia, Gymnogramme triangularis, Datisca glomerata, Sonchus asper, Galium aparine, Anagallis arvensis, Thalictrum polycarpum,

5/5/33

Bromus rubens, Centaurea melitensis, Potentilla glandulosa 622

a. s. 3. damp soil, leaf mold few feet above a. s. 2, near water. Barbarea vulgaris 623 Thalictrum polycarpum, Artemisia californica, Galium aparine, Pellaea andromedaefolia 624, Euphorbia dictyosperma 625, Salvia mellifera, Plectritis ciliosa 626, Poa (scabrella), Lithophragma affinis, Bromus rigidus, Montia perfoliata, Gymnogramme triangularis, Nemophila

5/5/35

aurita, Cotyledon lanceolata, Mimulus guttatus, moss, some unknown Gramineae,

627

Caucalis microcarpa,

628

Meconella oregana dentiadata

Selaginella bigelovii

629

a.s. 4. near road in decomposed granite cut, gravelly, near side canmentioned above. Lotus

630

strigosus no. other a.s. started yet.

631

Upper S.V. can., west slope, elev. abt 1600' (?).

Gilia capitata achillaefolia

a.s. Adenostoma fasciculatum,

5/5/35

Diplacus puniceus, Lotus scoparius, Salvia mellifera, Ceanothus, Salvia columbariae, Cryptantha, Echinocystis macrocarpa, Chorizanthe staticoides. 632

5/19/35. Mill can. S.B. Mts.
7000 elev.
Pedicularis semibarbata
gravel bank, granite
a.s. L. breweri,
Lab. scopulorum, Lecurrens, Poa
longiligula, Draba (sp)

5/19/35 Mill can, south
slope, gravelly soil. Elev. abt 4000
a.s. Lupinus excubitus
Phacelia davidsonii, Lotus
subpinnatus, Quercus
dumosa, Phacelia
distans, Ceanothus di-
varicatus, P.
trichocalyx, Eriodyction
intermedia, Bromus

642 This number not used. See 644

tectorum, Platanus racemosa, prob. others not recorded.

643 Shacelia distans

644 Bromus tectorum, trees near - Platanus racemosa

645 Quercus dumosa & other a.s. not recorded.

5/19/35 Big Bear valley above alt. 7000 ft. S.B. Mts.

646 Erysimum asperum.

a.s. not recorded but were few low plants, trees mostly Pinus ponderosa.

5/19/35 Big Bear valley
elev. about 7000',
dayey soil, marshy
meadows.
a.s. Viola douglasii 647
Collinsia parviflora 648
Ranunculus californicus
ludovicianus Artemisia 649
tridentata, Pinus 650
ponderosa, other a.s
not recorded.

6/28/35 n. Arroyo Grande
Sandy hill slope, waste
ground near barn. elev. abt 100'
651
Monardella undulata
a. s. - Lavatera assurgentiflora,
Bromus rigidus, Hordeum
murinum, Croton californicus,
Baccharis pilularis, Malva
parviflora, Eucalyptus
globulus (large).

6/28/35 on beach, Avila elev. 10'
652
Atriplex leucophylla
a. s. (Franseria bipinnatifida)
Distichlis spicata

7/1/35 n. Arroyo Grande, elev. abt 75'. soil: sandy loam, creek bank.

a.s.1. dry grasses (Bromus Hordeum, Avena, Polypogon mostly); fruited Melilotus indica; Conium maculatum; Artemisia vulgaris heterophylla 6532! Salix (sp) & Baccharis pilularis near.

a.s.2. a few yards down stream from above, sandy & gravelly creek bank, shady, closer to running stream elev. abt same 6534!

Acer negundo californicum Salix (lasiolepis), Populus

7/1/35

trichocarpa, Rubus
vitifolius; low plts Artemisia
vulgaris heterophylla, Psoralea
Baccharis Helenium
puberulum [illegible] crispus,
Rhus diversiloba, Mimulus
guttatus, Solanum nigrum,
young Platanus racemosa,
Urtica californica
gracilis, etc.

a. s. 3. Just below
above. Helenium
puberulum Psoralea
Salix (Lasiolepis), Populus
trichocarpa, Acer negundo
californica, Rubus vitifolius,

7/1/35

Artemisia vulgaris heterophylla, Rumex crispus, Mimulus guttatus, Solanum nigrum, Scrophularia californica, Rhus diversiloba, Bromus rigidus, Hordeum murinum ↖dry→ Avena fatua, Cyperus rotundus, Conium maculatum, Lolium multifl. Verbena prostrata; Brassica campestris, Raphanus sativa, Sonchus oleraceus.

657

a.s. 4. few feet down stream from a.s. 2. sandy creek bank. Agrostis exarata, Artemisia vulgaris

7/1/35

heterophylla, Lolium multiflorum (tall spec., 4') Urtica gracilis holoserica, young Populus trichocarpa, Rumex crispus, Picris echioides.

658

a.s.5. gravel in edge of running stream near a.s. 4. Radicula nasturtium-aquaticum, no others close but all of a.s. 3 & 4 few yards away.

7/1/35 7 mi. So. Arroyo Grande, sandy loam, mesa largely planted to Eucalyptus globulus but areas here & there left in original state. a.s.l. Shrubs, fine lf. lik Adenostoma but apparently not, poss. an Artemisia sp.,

659 Rhamnus californica,

Baccharis pilularis, herb-

660 Hegelia densifolia, Potentilla

661 Lindleyi, Achillea

millefolium californicum,

Pentachaeta ramossisima

662 Cirsium occidentale,

Navarretia atractyloides

665
Chorizanthe californica,
Hesperidium pinnatum, 663
unknown seedlings, Bromus
rubens, (Eragrostis sp.?)

a.s.2. across road from
664 Hemizonia
paniculata, Chorizanthe
californica Navarretia
atractyloides, 666 unknown
immature herb with linear
leaves, Adenostoma-like shrub
mentioned above, Rhamnus
californica, few Bromus
rubens (Eragrostis sp.?),
667
Solanum xantii, Croton

7/1/35

californicus,.

6 mi So. Arroyo Grande, sandy loam, dry mesa, a.s. 668 Lupinus Chamissonis, fine lf bush (goss on Artemisia) in bud. 669 Cotyledon caespitosa, 670 Pholisma arenarium, Chorizanthe californica, small Asteraceae, 671 Stephanomeria virgata, Croton californica, dry Orthocarpus purpurascens, 672 Eriogonum parviflorum, Potentilla lindleyi.

↳ see #686

673

7/3/35 Oceano

sandy loam clay, alt 20'

Lupinus arborens

shrub 1.2 m tall, alt same spread

c.s. ~~Lupinus Chamissonis~~

Heterotheca grandiflora (immature)

dry

bry Bromus rigidus, Avena fatua

Abronia umbellata, Phacelia sp.

674 !

Phacelia ramosissima subsinuata

sandy soil, elev. abt 20'

c.s. Lupinus chamissonis

Croton californicus Abronia

umbellata, Heterotheca grandiflora

→ see #685

675

7/3/35 Oceano

sand dunes ev 5-10'

Ammophila arenaria

no a. s.

---

swale between dunes 5'

Castilleia affinis

676

677

a. s. Melilotus indica, Achillea millefolium californicum

Oenothera hookeri, Abronia latifolia

678

Eschscholtzia californica, Franseria bipinnatifida, unknown (shrubby), Juncus lescurii

679

Castilleia parviflora californica (?) (poss not this sp. or at least var.)

7/3/35 Oceano

682 Potentilla anserina

near slough by sand dunes

683 Salicornia ambigua

684 Scirpus campestris

Salix sp., Rumex (crispus) Apium graveolens, a few Brassica campestris.

Lupinus chamissonis
coll 7/3/35, Oceano.
see 3rd page back.
(number was omitted
for the specimen when
numbers were stamped
in.

686

small asteroid
Coll. 7/1/35 6mi So.
A. G. see 5th page back.
(number was omitted
when numbers were
stamped in).

687

May 5 1935 Santa Ana
Allium amplectens
Cult. bulbs from
B.H., Lake Co.) identified
on the above day, but
believe collected for pressing
later. Growing in
gravelly loam, dry.

688

Spring 1935 (May)
Santa Ana.
Brodiaea coronaria
(cult., bulbs orig from
B. H., Lake Co) identified
6/13/33
Planted & doing well
in gravelly loam,
rather lean soil,
full sun, dry.

689

4-1-35 Santa Ana
Calochortus luteus
(cult., bulbs orig from
Lake Co.) Elev. abt
30m, soil gravelly
loam, lean in N, hard,
full sun.
(Notes made on card
but no number given)

690

4/7/35 Santa Ana
Calochortus pulchellus
(cult, bulbs. orig from
Lak. Co.) Elev. abt
30 m, soil gravelly
loam, lean in N. hard,
full sun. (Notes
made on card but
no number given

691

Spring 1935 Santa Ana.
Salium angustifolium Nutt.
plant under cultivation
at 1012 Cypress
about 1/3 of plant
pressed when dug
up. Had not had
very good care. So was
watered at times.

Ambrosia psilostachya,
Hordeum murinum,
Malva parviflora.

692

2/17/35 n. Costa Mesa
Ricinus communis
elev abt 25' (8m),
sandy silt soil, near
Santa Ana river below
bluff west of Costa Mesa
about 2m tall, luxuriant.
a.s. Chenopodium
ambroisioides, Salix
sessifolia leucodendroides,
Cynodon dactylon,
Atriplex semibaccata,
Rumex crispus,
unknown Composite
(later known to be Artemesia
vulgaris, Scirpus microcarpus,
Brassica campestris, Typha
latifolia, Convolvulus (?)
(immature), Picris echioides,

693

3/4/34 Santa Ana under cultivation Brodiaea capitata propagated in beds & descended from seed collected in Live Oak Can. 1925. Little real care given except to control weeds & that not completely. Bulbs up to this time had been dug each year.

694

3/31/35 Palm Springs
Rosa eremyi
spec. collected 3/31
but no record
made. Prob. taken
a few yards from
the main collections
that day.
Bushes usually
low (2'-3' tall, similar
spread) Glands on
calyces & herbage
breaking easily & staining
orange-rusty.

695

3/10/35 San Onofre
Muhlenbergia microsperma
Elev. abt 750', coarse
sandy, stony loam,
full sun, dry hill tops.
a.s.- Mirabilis laevis,
Lotus scoparius, L.
subpinnatus, Cryptantha
flaccida, Salvia columbaria,
Bromus rubens, Galium
angustifolium, Cotyledon
edule, Centaurea melitensis,
Avena fatua, Salvia mellifera,
Artemisia californica,
Brodiaea capitata, Eschscholtzia,
Eriogonum fasciculatum
foliolosum.

3/10/35 San Onofre
Lupinus sparsiflorus
Elev. abt 750', coarse
sandy loam, east
slope near hill top
a.s. Salvia columbariae,
Loeseliastrum glabriuscula,
Mirabilis laevis,
Eschscholtzia californica,
young Stephanomeria
exigua, Oenothera biistorta,
Brodiaea rubens, Lotus
scoparius, Avena fatua,
Lupinus hirsutissimus,
Convolvulus occidentalis,
Cryptantha intermedia,
L. flaccida, Lupinus
truncatus.

✓

697

3/19/35 San Onofre

Salvia columbariae

Elev. abt 200', coarse sandy loam, in short draw opening south.

a. s. – Lotus scoparius, Gnaphalium (sp), Coreopsis douglasii, Senecio calif., Cryptantha intermedia, Cryptantha flaccida, Bromus rubens, Ghaenactis glabriuscula, Avena fatua, Oropetium californicum, Oenothera (bistorta), Erodium circutarium, Linaria canadense, Centaurea melitensis, Mirabilis laevis, Gilia multicaulis, Streptanthus heterophyllus (a single spec., purple).

698

1935, Spring Santa Ana
Matricaria suaveolens
Not sure of exact
location as no
record was made.
Collected in south
part of town.

699

3/10/35 San Onofre
Cryptantha flaccida
Elev. abt 150' sandy
loam, in short drow
opening south.
3 spec.
a. s. - Senecio californicus,
Brodiaea capitata,
Cryptantha intermedia, Salvia
apiana, Bromus rubens,
Pellaea andromedaefolia,
Poa scabrella (?), Avena fatua,
Orothcarpus purpurascens,
Plantago erecta, Croton
californicus, Lotus scoparius,
Oxalis wrightii, Chaenactis
glabriuscula (immature),
Delphinium parryi, Linaria
canadense.

700 +

3/15/36

Thalictrum polycarpum
Santiago creek ¼ mi above
Black Star elev. abt 800'
sandy loam, creek bottom
plants in bud coming
from rootstocks.
a.s. Baccharis viminea,
seedling grasses, Erodium
circutarium (seedling), Centaurea
melitensis (seedling), Tillaea erecta
(immature). Thalictrum
beside & among fallen
stems of Baccharis

701

3/3/35 n Arlington
Echidiocarya californica
Elev. ab 1 800', n. Santa
Ana river, No of Arlington,
loam soil, with decomposed
granite, rolling hills, full
sun.
a.s. Plantago erecta,
P. insularis, Festuca
megalura, Bromus
rubens, Lotus subpinnatus,
Astragalus (sp), Gilia
multicaulis, Erodium circutarium
Artemisia californica, Eriogonum
fasciculatum foliolosum,
Cryptantha (sp), Baeria chrysostoma
gracilis, Euphorbia polycarpa, E.
albomarginata, Mirabilis laevis,
several unknown seedlings (sp.

4/5/36 Bl. Star can
close to creek at foot of
switchbacks

Rhus diversiloba
in shade climbing
& sprawling over
shrubs & boulders
prin. a.s. Quercus
agrifolia, Aplis lyoidis
Rubus vitifolius, Rhamnus
crocus, Lathyrus strictus,
Platanus racemosa

703

4/5/36 S. a.
Brodiaea laxa

Bulbs from Lake Co. '35.
This spec. one under
cult. 1012 Cypress. Soil
gravelly loam, lean.
a. s. not recorded as they were
cultivated plants & comm.
weeds were kept pulled.

704

4/5/36 S.G.
Allium bolanderi.
same details as
703

705

4/5/36 S. A.
Lepidium virginicum
immature plant.
Cult.. soil gravelly
loam, lean. Seed
from S. A. June 1935.

706

4/5/36 S.A.
Aquilegia truncata
seedlings. Cult., in
flat, having been
once transplanted.
Seed was K.H. '35
from plants grown
from seed bot from
Payne, Los Angeles,
1932.

707

4/5/36 Black Star can.
Ceanothus oliganthus
shrub in small flat,
near mouth of cañon,
by Irvine fence,
several yards from
creek, full sun only
part day.
principal a.s. Eriodyction
crassifolium, Artemisia
californica, Quercus agrifolia
Platanus racemosa.

4/14/36 Santa Ana (H.S. Co.). Avena fatua by cult. field growing along roadside adobe soil, has had some water besides rain.
a. s. Brassica campestris, Sisymbrium altissimum, barley, Hordeum murinum, Raphanus sativus, Chenopodium murale, Cynodon dactylon, Convolvulus arvensis, some other introduced weeds.

709

elev. ab. 1500'

4/26/36 Palm Springs
Krameria canescens
NW of town on the Chino
can. alluvial fan of
boulders & coarse sand
bush, darker than most
live plants, densely
tangled stems. ab 4 dm
tall 1 m broad.
a. s. only growing plants
were Encelia farinosa
Hyptis emoryi, Larrea
tridentata, Franseria
dumosa.

710 ✓ ×

4/26/36 Box Springs grade
Cryptantha intermedia
stony hill slope, soil
shallow. elev. ab 875'
full sun among scatt
low shrubs.
a. s. principally
Artemisia californica,
Festuca megalura,
Mirabilis laevis,
Eriogonum fasciculatum,
polifolium
see also 711, 712

+ 711

4/26/36 Box Springs Grade
Echidiocarya californica
see 716 for
details.

712

4/26/36 Box Springs Grade
Baeria chrysostoma gracilis
see 710 for details.
Thin stands both
in open areas & close
to shrubs

713

4/26/36 Box Springs Grad.
Mirabilis laevis
a lighter flowered
form, calyx rather
light rose-purple
shade. Plants with
the regular dark
calyx scattered here
also. Is this the
beginnings of a new
variety or what? Would
like to investigate.
see 710 for other
details

714

4/26/36 Box Springs Grade
Eriogonum fasciculatum
(polifolium)
see 710 for other
details

715

5/3/36 Santiago peak
Ceanothus divaricatus
SE slope, rocky, about
4000' An important
part of the chaparral at this
point. (Ceanothus in full
bloom on the upper ¼ of
the mountain). Principal
c.s. Arctostaphylos Dru-
pacea, Quercus dumosa,
Prunus ilicifolia, Pentstemon
spectabilis, Artemisia californ

716

5/3/36 Santiago peak
Ceanothus integerrimus
elev abt 3500', SE slope,
rocky soil. Erect shrub
about 8' tall.
principal a.s. Quercus
dumosa, Quercus
chrysolepis, Rendromecon
rigida

×

717

5/3/36 Santiago peak
Velaea (Ulsubellifera) arguta
About 3500'; rocky or
gravelly ground, east
slope, beneath Pterae
dumosa which as
the principal a.s.

718

5/3/36 Santiago peak.
Viola pedunculata
Alt 3000' elev, east
slope, gravelly soil.
Prin. a.s. Quercus
dumosa, Artemisia
californica, other
shrubs & few low
forms not recorded.

719

5/3/36 Santiago peak.
Rhus ovata
abt 2500'? a.s
& soil not recorded
easterly slope amid
chaparral. shrub abt
5' tall, with immature
fruit which were
very red.

720

5/3/36 Santiago peak.
(silk tassel family)
Garrya flavescens
abt 2500', rocky ground,
S.E. slope. Shrub 6' tall
+ abt as broad.
Catkins all dropping,
gray; old bark gray,
rather roughened. prin.
a.s. - Rhamnus crocea,
Ceanothus crassifolius,
Adenostoma fasciculatum,
some Eriodyction
crassifolium, Quercus
dumosa.

721

5/3/36 Santiago peak
Lupinus latifolius
var. parishii
abt 2500' elev. by
spring, soil granite
gravel, some leaf
mold. plant 4' tall if
straight, usu bent over
prin a.s. Rhus diversiloba,
Rubus vitifolius,
Woodwardia radicans,
unknown Compositae,
Clematis lasiantha,
small Platanus racemosa.

722

5/3/36 Santiago peak
Agoseris retrorsa
abt 2500' rocky &
gravelly soil, easterly
slope. prin a.s.
Viola pedunculata,
Quercus dumosa,
Artemisia californica,
others not recorded
but prob included
most of those listed
under 715, 716, 718,
720, 721

723

5/3/36 Santiago peak

Arenaria douglasii
alt 2500' elev. granite
talus slope, east slope.
princ a.s. Bromus
rubens, Avena fatua,
Yucca whipplei,
Eriophyllum (prob. confertiflorum)
Galium angustifolium,
Pellaea ornithopus,
Salvia apiana.

724

5/3/36 Santiago peak, Holy Jim can. abt 1700' elev

Asclepias eriocarpa near trail on first open switchback of Holy Jim trail. a.s Lotus scoparius, Oxalis virginti, Salvia apiana, Galium angustifolium, Eriogonum fasciculatum foliolosum, Artemisia Californica, Sisyrinchium bellum, Quercus agrifolia a few feet away.

725

5/3/36 S.A. Mts pistillate
Live Oak can. Yucca parryi
abt 1500' elev, gravelly
west slope. Plants
8' tall pistillate &
staminate intermixed
panicle erect, abt
5' long, yellowish
in color, not quite
so stiff & even in
outline as Yucca whipplei
prin. a.s. Leptodactylon
californicum, Artemisia
californica, Lotus scoparius
Salvia apiana, Peonia
brownii, Gnaphalium
decurrens californicum,

726

5/3/36 S.A. Mts.
Live Oak can.
Nolina parryi
close to 725, q.v.
staminate plant

Cercocarpus betuloides,
Adenostoma fasciculatum,
Quercus dumosa, Quercus
agrifolia, Carex
lanuginosa,

+

727

5/31/36 Santa Ana
Penstemon palmeri
1012 Cypress Ave. (under
cult.) elev. abt 100',
soil gravely loam.
Plants started from seed
in 1935, seed collected
Aug. 1934,
Mill can, S.B. Mts. elev.
6500' in creek bottom
soil there sand, gravel, &
boulders. Plants about
6 dm. broad. The two
plants in the open under
cult. were close together
& the spread abt 1 m.

728

10/5/36 Santa Ana
Portulaca oleracea
collected in nursery at
1348 So. Main, elev. ab 185
soil a glove
Plants spring up
around cans & grow rapidly, necessitating
weeding often.

729

11/15/96 29 Palms, Rattlesnake M.

elev. 3000' Ericameria cuneata
in crevice granite outcrop.
spathulata

This plt 1½ dm tall. a.s.
scattered shrubs- Lycium sp.,
Acacia greggii, Hibiscus sp., dry grasses,
Erodium circutarium

(note- Various grasses,
Erodium, numerous
unknown plants
were just appearing
after recent rains

730

11/15/36 29 Palms, Rattlesnake Mts. Brickellia desertorum elev. 3000', by granite outcrop, in coarse granite sand diffuse, 60cm tall spread a.s. dry grasses, Lycium sp., similar Ericameria cuneata v. patulata, Erodium circutarium.

(see 729 note)

731

11/15/36 29 Palms Rattlesnake
unknown - grp. Majisa
n. base of granite hillock n. side
elev. 3900' a.s. Porophyllum
gracile, Cassia armata,
dried grasses, seedling
just appearing. Eriogonum
nodosum?.

See 729 footnote

732

11/15/36 29 Palms Rattlesnake Mts.
Eriogonum (nodosum?)
elev. 3000'. At base
of granite outcrop in
coarse granite sand,
north side.
a.s. same as #731
plus an unknown
bunch grass.

See 729 footnote

x

733

11/15/36 29 Palms Rattlesnake Mts.

Cassia armata

Numerous stems from base, erect sharp points, whitened, having a slight inflated appearance.

same a. s. & location as #731

See 729 footnote

734

11/15/36 29 Palms near alternate claim

Salazaria mexicana

shrub at 1 m tall, diffuse, spreading inflated calyces

Elev. 3000'. granite sand, outcrops.

g. s. Acacia greggii, Larrea, Thelypodium linearis, Ericameria teretifolia ?, Gutierrezia lucida.

See footnote of 729

735

11/15/36 29 Palms near alternate claim Rattlesnake Mt.

Ericameria teretifolia?

base of granite boulder

See 734 for details

x

J 7736

11/15/36 29 Palms
Gutierrezia lucida
5-6 dm tall

fine stems, many, from base
a. s. Malvaceae
see 734 for details

737

11/15/36 29 Palms Rattle Mts.

Atriplex canescens

elev. just under 3000'

shrub 6' tall but straggly as was mixed with a Chilopsis

a.s. Chilopsis linearis, in which shrub was entangled.

see 729 foot note

×

738

11/15/36 29 Palms nr Rattlesnake Mts 1 mi below Claim. abernathya

Simmondsia californica abit 10 mi wed of 29 Palms

elev. 2800'. coarse granite sand or gravel and boulders.

a.s. Yucca mohavensis, Larrea, others not recorded.

+

739

11/15/36 29 Palms 8 mi west of Twentynine Palms. Ephedra californica sandy ground elev. 2500'.

a. s. not recorded but included Larrea tridenta glutinosa, Simondsia californica, Franseria dumosa.

3/16/37 N. Palm Springs station
¼ mi. west of station near
RR. right-of-way
Gilia latiflora
gravelly sand, elev. 600'
a. s. Lepidium pinnatum,
Calystegium macrandrum,
Salvia columbariae,
Cryptantha micrantha, Bromus
rubens, Lotus subpinnatus,
Oenothera micrantha abramsii
Franseria dumosa, Larrea
tridentata, Hymenoclea,
Navarretia (?) (small plants, immature)
Erodium circutarium, Oenothera
scapoidea. Ent. in open stand
Gilia scattered singly,

741

3/16/37 n. Palm Springs station
ab't ¼ mi W, near RR
right-of-way.
Gravelly sandy soil, elev.
Oenothera micrantha
abramsii
same location at a.s.
as 740.

742

3/16/37 N. Palm Springs Station
abt ¼ mi W, near R.R
right-of-way. Gravelly,
sandy soil. Elev.
Ephedra californica
covered with staminate
cones, not yet open.
a. s. Rumex hymenosepalus,
Lithyrea californica, Oenothera
scapoidea, Abronia umbellata,
Franseria dumosa, Larrea
tridentata glutinosa, Opuntia
echinocarpa, Lotus
supbinnatus, Gilia latiflora,
Eriogonum thurberi,
Oenothera micrantha abramsii.

743

3/16/37 n. Palm Springs Station
abt 1/4 mi W of station near
R R right-of-way.
Gravelly sandy soil. Elev.
Eriogonum thurberi
various size individuals
scattered here & there.
a. s. see 742.

744

3/16/37 n. Palm Springs Station
same location 743.
same a. s.
Dithyrea californica
Quite numerous
in places, present
similar appearance
to Oenothera scapoidea
except most plants
branched at base
and racemes not
drooping in wet
weather.

745

3/16/37 n Palm Springs Stat
same location,
a. s. as 743

Rumex hymenosepalus
Only two small
clumps found but
suppose there were
others scattered here
and there.

746

3/16/37 n. Palm Springs Station
abt ½ mi W, in edge
of uncultivated pasture. Barley field
adjoining. elev.

Populus fremontii
tree about 25' tall,
spreading to 40',
trunk abt 2' diam,
inclined

Larrea tridentata-glutinosa
thickets on low
dunes to eastward.

747

9/16/37 Palm Springs
2 mi north of town
elev. about 475'
Eriophyllum wallacei
sandy land. Exposed
where sandstorms
blow from San Gorgonio
pass.
a.s. scattered low
shrubs - Franseria dumosa,
Encelia (californica) (?),
Hymenoclea salsola;
herbs - Oenothera sc.
Hama demissum, Oenothera
micrantha abramsii, Sphae
subpinnatus, Dithyrea
californica, Cryptantha micran
Cryptantha sp.

748

3/16/37 Palm Springs
same location,
exposure, a. s. as
747
Hymenoclea salsola
flowers scarcely
opened.

749

4/11/37 Black Mtn. Co.
alt 1000' elev.
Equisetum funstonii
above stream on 1st
shelf, sun part day.
numerous stems, most
young, some older
ones bearing strobili
Principal a.s.- Salvia
mellifera, Ambrosia
psilostachya (young). Artemisia
vulgaris (?) seedlings, some
coarse unknown grasses

750

4/11/37 Black Star can.
abt 1200' elev.
soft shale among
shrubs, east slope
Calichortus sp
principal a.s.- Artemisia
californica, Eriogonum
fasciculatum foliolosum
Salvia mellifera, Salvia
apiana, Brodiaea capitata

751

4/25/37 Ladd can., S.A.
abt 1500' elev.
Rhacelia parryi
hill slope near
can. bottom. gravelly
silt.
a.s. not recorded,
but included Bromus
rubens, B. rigidus, Rhus
diversiloba, Salix
lasiolepis, Salvia
mellifera, Salvia apiana,
Alnus rhombifolia, etc.

752

4/25/37 Ladd can., S.A Mts.
abt 1500' elev.
Silia capitata achillifolia
on old truck trail
grade, silt. Nearly
white form, with
woolly calyces.
a.s. not recorded
but the immediate
vicinity largely Bromus
rubens.
Canyon bottom, full
sun only 3 or 4 hrs.
Quercus agrifolia,
Alnus rhombifolia
near by.

753

4/25/37 Ladd can., S.A. Mt.
abt 1500' elev.
gravelly soil, part shade
of Quercus agrifolia,
Alnus rhombifolia, etc.
Sanicula mengiesii
a.s. not recorded but
besides the above trees
there were Platanus
racemosa, a young
Acer macrophyllum,
Bromus rubens, B.
rigidus, Rhus
diversiloba, others
not noted.

754

4/25/37 Laddcan S.A. Mts.
abt 1700' elev.
Melica bulbosa
on rocky & crumbly
gravel south hill
slope, steep, abt 200'
above the creek.
Ass. included Stipa
lepida growing in same
clumps, Salvia mellifera,
Salsum angustifolium,
Eriophyllum confertiflorum,
Artemisia californica

755

6/6/37 n. Valle Vista abt 1 mi No of town, bank of San Jacinto river near edge of wheat field, coarse sandy soil. Elev. abt 1600'

Chaenactus g. labrinsculp. princ. a.s. most annuals already dried down. - dry Bromus rubens, Festuca megalura, Cryptantha intermedia, Encelia farinosa, Eriogonum fasciculatum foliolosum, Hugelia filifolia

756

6/6/37 n Valle Vista

Hugelia filifolia

same location as 755 q.v. for details. This species scattered here and there, just beginning to bloom.

+

757

6/6/37 n. Valle Vista
Hugelia filifolia
a few yards from
755, 756. Within 200
yds San Jacinto river
soil finer, more silt
elev. about 1600.
roadside, full sun.
a. s. - Salvia carduacea,
Hemizonia wrightii,
Cryptantha intermedia,
Anterrhinum coulteranum
Oenothera dentata, Chorizanthe
leptoceras, Salvia columbariae
Bromus ssp, Chaetactus
glabriuscula, few scattered Eriogonum
fasciculatum foliolosum, Encelia
farinosa, Lotus ssp.
Bromus, Chaenactus,
Hemizonia, Hugelia, Cryptantha
most abundant.

758

6/6/37 n. Valle Vista
Hemizonia wrightii
same location etc
as 757 q. v.

759

6/6/37 n. Valle Vista
Chorizanthe leptoceras
same location 757,
q v for details.

760

6/6/37 n. Valle Vista
Oenothera dentata ?
same location
757 q. v for details

761

6/6/37 n. Valle Vista
Antirrhinum coulteri
do location 757
q.v. for details.

762

6/6/39 n. Valle Vista
Salvia carduacea
do location 757
q. v. for details.

763

6/6/37 n. Valle Vista
Mimulus brevipes
few yds above San
Jacinto river, sandy,
elev about 1600'
a. s. – among Encelia
farinosa, Eriodyction
crassifolium, Eriogonum
fasciculatum foliolosum,
Ericamera (Palmeri),
Bromus (dry), dense
shrub abt 6' – 764

764

6/6/37 n. Valle Vista
shrub, 6' tall, dense
see 763 for other
details.

~~(card not written because~~
~~not identified at all)~~

765

6/6/37 San Jacinto Mts Palms to Pines rd within a mile or so of a public camp near Keen camps. North slope, gravelly. Elev. approx 5000'

Silene laciniata

Pinus a.s.-trees-Quercus chrysolepis, Pinus ponderosa (+prob. others), shrub Cercocarpus betuloides, Cryptantha sp. (intermedia? few C. micrantha) grasses-1 sp. like, / arrow panicle, avenless, Gilia capitata achillaefolia Gilia pedunicularis?, Collinsia bicolor, Arenaria douglasii (few), Lupinus excubitus, Erysimum asperum, Eriophyllum confertiflorum, Malysteron californicus?, Castilleia (sp not noted), Agoseris retrorsa

766

6/6/37 San Jacinto Mts.
do location,
other details as 765
q.v.
Lupinus excubitus
low bushy, silvery,
racemes standing
up well above
plant, whole plant
about 5 or 6 dm
tall. Fls blue violet,
yellow eye, soon
violet.

+

767

6/6/37 San Jacinto Mts.
do. location, a.s.,
etc. 765 q.v.
unknown grass, -
narrow panicle, awnless
apparently annual or
small bunch perennial

768

6/6/37 San Jacinto Mts.
grass, poa-like
do location, a s,
etc as 765 q.v.
bunch grass?

769

6/6/37 San Jacinto Mts
Agoseris retrorsa
do location, etc
765, q.v.
flowers yellow.

770

6/6/37 San Jacinto Mts
do location and
other details as 765
g.v.
Gilia capitata
(achillaefolia)
saved for comparison
with specimens
collected at other
places and elevations.

771

6/6/37 San Jacinto Mts.
same place etc
as 765, q.v.
Filia pedunculari?

772

6/6/37 San Jacinto Mts.
Arenaria douglasii
same place, time,
etc as 765, q. v.

773

6/6/37 San Jacinto Mts.
Collinsia bicolor
see 765 for details
quite dep blue,
dark dots on upper
lobe.

774

6/6/37 San Jacinto Mts.
Eriophyllum confertiflorum
see 765 for details.
entire plant above
ground collected.

+

775

6/6/37 San Jacinto Mts.
Platystemon californicus
see 765 for details.
Scattered here & there
among the other
annuals & low perennials.

J 776

6/6/37 San Jacinto Mts.
Canothus interrigimus
up hill at least 150'
above 765.
Tangled shrub abt 7'
tall, bark partly green, tips
dead as from frost.
Soil rock, gravel, sand,
some silt.
princ. a. s. - Quercus
Chrysolepis, Cercocarpus
betuloides, Adenostoma
fasciculatum.

777

6/6/37 San Jacinto Mts
just below 776
same type soil.
Pentachaeta aurea
a.s.- Plectritis ciliosa,
Monetia perfoliata, Lanicula
sp., Bromus rubens, same
grass as 767, Collinsia
bicolor, Cryptantha intermedia
Gilia capitata, poss. G.
pedunculoris, - shrubs-
Quercus dumosa, Adenostoma
fasciculatum, Cercocarpus
betuloides, Arctostaphylos
drupacea.

778

6/6/37 San Jacinto Hills
Montia perfoliata
see 777 for details
found at the same
place.

779

6/6/37 San Jacinto Mts.
Plectritis ciliosa
same location etc.
as 777, q.v. for
details.

780

6/6/37 San Jacinto Mts. about half way between 765 & 777, among Cercocarpus betuloides, soil sage. Gilia gilioides glutinosa prine a. s. Cercocarpus betuloides, Gilia capitata achillaefolia, Nemophila (sp.), Collinsia bicolor, Bromus rubens, same grass as 767.

781

6/6/37 San Jacinto Mts. sandy stony slope approx 5000' elev, some shade of trees.

Potentilla glandulosa princ a.s. Cryptantha micrantha, Lilia pedunculariis?, Collinsia bicolor, grass (same as 767) Eriophyllum confertiflorum Erysimum asperum, Linanthus dianthiflorus, Achillea millefolium, (poss var californicum).

6/6/37 San Jacinto Mts. 7782
about 5000' elev.,
sandy banks, full sun
most of day.
Hulsea brevifolia
a. s - Artemesia tridentata,
Bromus (rubens), Cryptantha
(intermedia), Lilia
pedunculoris ?, Eriophyllum
confertifolium, Achillea
millefolium (californicum).

783

6/6/37 San Jacinto Mts. Roadside near Lake Hemet - marsh above the lake, no trees. dev.

Layia (sp)

a.s. scattered Artemesia tridentata, Sisymbrium pinnatum, Sphaeralcea (sp), Poa pratensis, dense stand of sedge, prob some sp of Carex some Equisetum funstonii, Erodium circutarium, Hordeum murinum, Lupinus bicolor tridentatus Festuca (megalura) Bromus rubens, patches of perennial of

784

6/6/37 San Jacinto Mts.
Poa pratensis
same place, time as
783, q. v.
Apparently a native
form.

---

the appearance of Erigeron
(poss Artemesia sp),
Anemopsis californica,
Sisymbrium altissimum,
one Cirsium acaulescens

+ ✓

785

6/6/37 San Jacinto Mts.
Sisymbrium altissimum
same location &
time as 783, q.v.
for details.
This species was
principally close to
the road.

(see more data notes.

786

6/6/37 San Jacinto Mts.
Lupinus bicolor
var. tridentata
same time & location
as 783, q. v. for
details.

Flowers pale blue
& white, dots on
banner.

787

6/6/37 San Jacinto Mts.
Sphaeralcea (sp)
same time & place
as 783, q.v.

Flowers rose or purple,
stigmas capitate, carpels
1 ovuled, 1 seeded
(not recorded at time
but recall this as
mostly branching from
base).

✓
788

6/6/37 San Jacinto Mts.
Equisetum funstonii?
same time & place
as 783 q. v.
Scattered stalks
here and there, some
congregated in small
patches.

789

6/6/37 San Jacinto Mts.

Cirsium acaulescens

same place & time as 783, q. v.

One plant only found, leaves all flat on the ground, buds and open flowers in an almost sessile cluster in the middle

Flowers blush or pinkish

790

6/6/37 San Jacinto Mts. 50'-100' from 783, drier soil Sitanion Hystrix (grass).

a.s. - scattered Artemisia tridentata (more than with 783), unknown with appearance of Eriogeron (poss an Artemisia, Linanthus liniflorus, Gilia (latiflora), Chaenactus glabriuscula lanosa, tiny Oenothera sp), Cryptantha intermedia, Lupinus bicolor tridentata, Astragalus douglasii.

No sedge

791

6/6/37 San Jacinto Mts.
Chaenactus glabriuscula
lanosa.
same location, time
as 790, q. v.
Scattered plants or
several close together
and taller where
under shrub.

792

6/6/37 San Jacinto Mts.
Linanthus liniflorus
same place, time
as 790, q.v. for
details.

Flowers pink, yellow
throat, 3 veins of pale
on each lobe extending
into the tube.
Plants scattered, usually
with only one or two
flowers open on each.

793

6/6/37 San Jacinto Mts.
Gilia latiflora
Same location,
time as 790

stipitate pubescence
Corolla blue, yellow
throat.

794

6/6/37 San Jacinto Mts.
Astragalus douglasii
see 790 for details
of a. s.

Branched quite
profusely from base
& branches more
or less decumbent.

795

6/6/37 San Jacinto Mts. about 3 mi so. of Lake, elev. about
edge of pasture.
Lupinus andersonii
5 dm tall, 8 dm broad, flowers mostly in bud, lavender, yellowish eye, speckles on eye.
a. s. Many lupins of this species scattered over several acres, Bromus rubens, Cryptantha (prob. intermedia), Erodium circutarium; Artemisia tridentata on part of patch; 1 red poppy of

796

6/6/37 San Jacinto Mts.
Sphaeralcea ambigua
see 795 for
details, few of this
species found.
corolla bright apricot.
plant 9 dm or 8 dm tall,
branched from base as well as above.

unknown species,
Oenothera pallida californica
Sphaeralcea ambigua

797

6/6/37 San Jacinto Mts. 6/
Along Palms to Pines road
4 or 5 mi so of lake Hemet, s
elev. abt , soil sandy 7
loam.
Astragalus trichopodus
bushy, erect, flowers
quite yellow.
princ. a. s. - Lupinus
anglersonii, Cryptantha
intermedia, various
grasses, Baeria? sp.,
Artemesia tridentata,
slender Cruciferae (798),
Euphorbia polycarpa.

798

6/6/37 San Jacinto Mts.
Cruciferae, slender
same time, place as
797, q. v. for details.

799

6/6/37 San Jacinto Mts.
Euphorbia polycarpa
same time, place
as 797, q. v. for
details

This species formed
small mats three to
8 or ten inches across

800

6/6/37 San Jacinto Mts.
exact location uncertain
but beleive either Piñon
flat or desert grade of
palms to Pines road.
Psathyrotes ramosissima

a. s. not recorded

low tufts, single
stem at surface of ground,
top convex, 3" - 8"
for different plants.

801

6/6/37 San Jacinto Mts.
Pinon flat. elev. 4000'?
sandy, stony soil.
Hugelia brauntonii
scattered among other
plants. a. s. not
recorded but included
Rhamnosma montana,
Calichortus concolor,
Mirabilis froebellii,
Trichostema lanatum,
Pinus cembroides
monophylla, Agave
consociata, shrubs
not recorded.
flowers blue.

Opuntia echinocarpa, occidentalis (cf. Wiggins cactus)

802

6/6/37 San Jacinto Mts
Calochortus concolor
same time, place
as 801, q. v.

Petals pale purplish
brown on back, bright
yellow inside, hairs yellow,
red purple band on part
above gland & below.
Double purple band at base
inside sepal which is
yellow inside.

x

803

6/6/37 San Jacinto Mts.
Thamnosma montana
coll. same place,
time as 804, q.v.
stems erect, light
green, 2-lobed capsules
deep yellow, plant
bushy 5 or 6 dm tall
abt same breadth or
a little less.

804

6/6/37 San Jacinto Mts.
Mirabilis froebelli?
same place, time as
801, q.v.
Corolla rose purple,
not open at time of
collection. Plants
forming mats up to
1 m across, leaves
slightly fleshy.

+

805

6/6/37 San Jacinto Mts. near Pinon flat, roadside, soil gravelly, rocky. Low shrub, flowers dark blue, abt 6dm. tall.

Trichostema lanatum a. s not recorded.

elev. -

806

6/6/37 San Jacinto Mts.
Desert grade of Palms to Pines highway well up elev. approx. 2000' (est.)
Dysodia porophylloides bushy plant, diffuse, erect 4 dm tall
Corollas sort of a burnt orange, involucres with some of similar color but with the large oil glands. soil sandy, rocky
a.s. not recorded, but included Lotus argophyllus Lotus rigidus, Stephanomeria runcinata, Agave consociata Eriogonum inclatum davidsonii

4

807

6/6/37 San Jacinto Mts.
Lotus argophyllus
same time & place
as 806, q. v.
flowers ageing
reddish.

808

6/6/37 San Jacinto Mts.
Lotus rigidus ?
same time & place
as 806, q. v.
Numerous branches from
near base.

809

6/6/37 San Jacinto Mts.
Stephanomeria
runcinata
beleive same time,
place as 806, q.v.,
otherwise no record.
flowers inconspicuous,
some in anthesis.

810

6/6/37 San Jacinto Mts.
Eriogonum molestum
var. davidsonii
about same time, place
as 806, q. v.

811

6/6/37 San Jacinto Mts
Agave consociata
Same time, place
as 806, q. v. for
details.

Flowers in dense
clusters which are
racemose on the scape.
Perianth greenish yellow,
nectar abundant.

✓
812

6/6/37 San Jacinto Mts.
Palms-Pines rd,
desert grade poss.
1500' elev., rocky
dry slope.

Fouquieria splendens
some plants with
leaves, most past
bloom.

a. s not recorded,
but included Salvia
vaseyi.

+ ✓

813

6/6/37 San Jacinto Mts.
Salvia vaseyi
sparse bushes, mostly
branched near base
in fruit tho not all
dry. see 812 for
other details

(check - see more data list)

814

6/6/37 n. desert end Palms to Pines highway sandy ground, elev about 300'

Hoffmanseggia densiflora a. + not recorded, but included Parosela spinosa, Beloperone californica.

Rounded, bushy shrub about 2 m broad, at least 1 tall.

815

6/6/37 San Jacinto Mts.
Parosela spinosa
few rods from
814.
Bloom deep prussian
blue, ground around
some shrubs littered
with fallen petals,
some shrubs a beautiful
blue with the flowers,
some no flowers visible, the
lack of time prevented
my learning whether they
were in bud, in fruit,
or not blooming at
all.

6/27/37 Midway city
Coll at Lee's (about
1 block east of Huntington
Beach blvd on Hayard rd
Centromadia pungens
var. parryi
soil sandy or silty
loam.
a. s. not recorded as
consisted entirely of
introduced weeds as
Chenopodiums, Brassica,
Atriplex, etc.
Flowers yellow.

817

7/5/37 San Jacinto Mts.
Pine flat elev. abt 6000
Rhododendron
occidentalis
by creek, shade, soil
sandy
prine a. s. Pteris
aquilina lanuginosa
Libocedrus decurrens,
Quercus Sellogii Pinus
ponderosa.

818

7/5/37 San Jacinto Mts.
fine flat elev. 6000'
Lotus eriophorus
var. keermanii
part sun, coarse
sandy soil
assoc. a s. Pteris
aquilina lanuginosa,
Cercis occidentalis, Pinus,
Quercus, kelloggii,
Libocedrus decurrens,
Monardella nana var.
tenuifolia.

819

7/5/37 San Jacinto Mts.
Pine flat elev. ab 7600
Lotus crassifolius
same location, time
as 818, q.v.
Plants erect but
leaning over part
from weight of legumes
about 6 or 8 dm tall.

820

7/5/37 San Jacinto Mts.
fine flat. elev. abt 6000'
Lotus grandiflorus
var. mutabilis
coarse sandy hill slope,
sun part day.
princ a.s. Pteris
aquilina lanuginosa,
trees - Libocedrus decurrens,
Pinus ponderosa, Quercus
Kelloggii, Quercus chrysolepis
(young).
flowers orange
yellow.

821

7/5/37 San Jacinto Mts.
Pine flat, elev. abt 4000
Monardella nana
var. tenuifolia
same location, time
as 818, q.v.
flowers dull white,
cream cast outside.

822

7/5/37 San Jacinto Mts.
Pine flat elev. abt 6000'
Bromus tectorum ?
few scattered among
Pteris aquilina
lanuginosa, same
grass as 767

+

823

7/5/37 San Jacinto Mts.
Fern valley elev.
abt 6000'
Lupinus andersonii
gravelly soil, clearings
among trees.
a. s. Pteris aquilina
lanuginosa, som Lilia
(latifbora), same grass as
767, some unknown
species - trees - Libocedrus
decurrens, Pinus, Quercus
kelloggii.

824

7/5/37 San. Jacinto Mts.
Pine flat, elev. ab't 6000'
Linanthus ciliatus
same a.s. as 822,
q.v.

825

7/5/37 San Jacinto Mts.
Pine flat, elev. abt 6000
Gayophytum ramosissimum
along with 824,
q.v., also close to
822.

826

7/5/37 San Jacinto Mts.
Fern valley, elev. abt
6000'
Calochortus nuttallii?
collected at 7,100 yds
from 823, clearing
a. s. much Pteris
aquilina lanuginosa,
Lilia latifolia?,
Ceanothus interrigimus,
some Arctostaphylos
drupacea.

827

7/5/37 San Jacinto Mts.
Fern valley, elev.
ab. 7600'
Hieracium albiflorum
near 823, same soil,
more shade.
a. s. Pteris aquilina
lanuginosa, some Gilia
latiflora, grass same as
767, Lupinus (albifrons),
Cryptantha sp.,
Hayophytum ramosissimum,
Carex multicaulis.

828

7/5/37 San Jacinto Mts.
Fern Valley, elev. abt 6000'
Gilia (latiflora)?
same time & location
as 826 q. v.
plants quite numerous
among the ferns.

829

7/5/37 San Jacinto Mts.
Fern valley, elev. ab't 6000
Carex multicaulis
same time & location
as 827 q. v.
scattered plants.

830

7/5/37 San Jacinto Mts.
Fern valley, elev, abt
6000'
Cryptantha sp.
same time, place as
827, q. v. for details.

831

July 1937 Santa Ana.
under cultivation, but
given little care.
Cotyledon edule
plant originally from
San Onofre, 1935.
Bloom stalks
flowers greenish.

832

7/2/37 coll. Monterey Co.
along coast highway
by Shirley

Erigeron glaucus
a. s. not recorded

rays blue, disk
brownish yellow.

×

7/21/37 Coll. Monterey Co. by Sherley. (Mrs. H.D. Warner) 833

Castilleia latifolia
a. s not recorded.

bracts, corolla red, but corolla yellowish

834

7/21/37 Coll. Monterey Co.
by Sherley.

Eriogonum parvifolium
a. s. not recorded

calyx pink

835

10/24/37 El Modena
roadside few yards
So. of Chapman on Newport.
soil rocky, cut by
road

Brickellia californica
Bushes about 4' tall,
numerous branches from
base.

a. s. not recorded
but included grasses.
Rhus integrifolia,
Stephanomeria exigua

836

3/3/35 n Arlington
n. S.A river north
of town.
Euphorbia albomarginata
Elev. abt 800' (244 m),
loam soil, with decomposed
granite, rolling hills, full
sun.
g. s. Plantago erecta,
Plantago insularis, Erodium
circutarium, Artemisia
californica, some unknown
seedlings, moss, lichens

837

3/3/35 n Arlington
Plantago insularis
n. S.D. river north of
town. Elev. ab't 800';
loam soil with decomp.
granite, rolling hills, full
sun.

same a s. as 836

838

3/3/35 n. Arlington
Festuca megalura
n.s.a. river north of
town - elev. abt 800';
loam soil with decomposed
granite, rolling hills, full
sun.

e.s. - Plantago erecta,
Lotus subpinnatus, Astragalus
(sp), Gilia multicaulis, Erodium
circutarium, Artemisia
californica, Eriogonum
fasciculatum foliolosum,
Bromus rubens, Cryptantha
(?) (sp), Echidiocarya californica,
Baeria chrysostoma gracilis,
Euphorbia polycarpa, E. albo-
marginata, Mirabilis laevis.

839

3/3/35 n. Arlington
Baeria chrysostoma
gracilis
same location &
a.s. as 838.

840

2/9/35 S.A. Mts., n. El Toro.
Plagiobothrys nothofulvus
Elev. abt 450'; small
mesa, sandy loam, rather
poor, a few low shrubs,
no trees.
a. s. Lepidium nitidum,
Erodium circutarium,
Brodiaea capitata, Linanthus
dianthiflorus, Calandrinia
Eculescens menziesii (few),
Plantago erecta, Lotus subpinnatus,
Lotus scoparius, Lotus salsugi-
nosus, Avena fatua, Immature
Bromus hordaceus, Pectocarya
linearis, Orthocarpus purpura-
scens, Stipa pulchra,
Chorogalum pomeridianum.